

# Learnzy Academy

## Worksheet: Area and Perimeter

1. A picture frame is 30 cm long and 20 cm wide. What is the area of the glass needed to cover the picture?
2. Which unit would you use to measure the perimeter of a photograph?
3. A square has a perimeter of 400 cm. What is its area in square meters?
4. If the area of a rectangle is 72 square cm and its width is 8 cm, what is its length?
5. A square picture frame has a side of 18 cm. What is the total length of the wooden strips used to make the frame?
6. A rectangular carpet is 3 meters by 2 meters. How much space does it cover?
7. A square has a side length of 7 cm. What is its area?
8. A rectangular room has a length of 7 meters and a width of 5 meters. What is its area?
9. If you have a square with a perimeter of 40 cm, what is its area?
10. Which requires calculating perimeter?
11. If you double the side length of a square, what happens to its perimeter?
12. A shape is made from three identical squares, each with a side of 4 cm, joined to form an L-shape. What is the perimeter of this L-shape?
13. A rectangle has a length of 10 cm and an area of 60 square cm. What is its width?
14. A square room has a perimeter of 24 meters. How much carpet is needed to cover the floor?
15. A square piece of cloth has a side length of 50 cm. What is its area in square meters?
16. A rectangular banner is 4 meters long and has an area of 12 square meters. What is its width?
17. A square picture has a side length of 25 cm. What is the perimeter of the picture?
18. A square patio has a perimeter of 48 meters. What is the area of the patio?
19. How much fencing is required for a rectangular plot of land that is 18 meters long and 12 meters wide?
20. A square has a side length of 's'. Which expression represents its area?